## PATENT COOPERATION TREATY

# **PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		<u> </u>
FP1207	ACTION (Form PCT/ISA/22)	Transmittal of International Search Report  0) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/SG 99/00119	12 November 1999 (12.11.99)	13 November 1998 (13.11.98)
Applicant	•	
BITWAVE PRÎVATE LIMITE	ED et al.	
This international search report has been paccording to Article 18. A copy is being to	orepared by this International Searching Avansmitted to the International Bureau.	uthority and is transmitted to the applicant
This international search report consists of	f a total of 3 sheets.	
It is also accompanied	by a copy of each prior art document cited	in this report.
<ol> <li>Basis of the report</li> <li>With regard to the language, the language in which it was filed,</li> </ol>	e international search was carried out on t unless otherwise indicated under this item.	he basis of the international application in the
the international search was Authority (Rule 23.1(b)).	carried out on the basis of a translation of	the international application furnished to this
<ul> <li>With regard to any nucleotide a search was carried out on the ba</li> </ul>	and/or amino acid sequence disclosed in asis of the sequence listing:	the international application, the international
contained in the internation	al application in written form.	
filed together with the inten	national application in computer readable	form.
furnished subsequently to the	nis Authority in written form.	
furnished subsequently to the	nis Authority in computer readable form.	
the statement that the subse- international application as	quently furnished written sequence listing filed has been furnished.	does not go beyond the disclosure in the
the statement that the information been furnished.	nation recorded in computer readable form	is identical to the written sequence listing has
2. Certain claims were found	unsearchable (See Box I).	
3. Unity of invention is lacking	ng (See Box II).	
4. With regard to the title,		
the text is approved as subm	itted by the applicant.	
the text has been established	by this Authority to read as follows:	
5. With regard to the abstract,		
the text is approved as subm	itted by the applicant.	
the text has been established within one month from the d	, according to Rule 38.2(b), by this Autho late of mailing of this international search	rity as it appears in Box III. The applicant may, report, submit comments to this Authority.
6. The figure of the drawings to be publ	lished with the abstract is Figure No.:3	
as suggested by the applican	t.	None of the figures.
because the applicant failed t	to suggest a figure.	
because this figure better cha	racterizes the invention.	

International application No.

		PC1/SG 99/001	19				
A. CLASSIFICATION OF SUBJECT MATTER							
	3 M 13/00		·				
	o International Patent Classification (IPC) or to both n OS SEARCHED	ational classification and IPC					
	ocumentation searched (classification system follower	l by classification symbols)					
	3 M 13/00; G 06 G 7/00, 7/12	• •					
Documentati	on searched other than minimum documentation to the	e extent that such documents are included i	n the fields searched				
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Electronic da	ata base consulted during the international search (nar	ne of data hace and where practicable cear	at tame mad)				
		ne or dam ouse mra, made practicative, som	ch terms used)				
WPT							
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		3				
Category*	Citation of document, with indication, where approp	oriate, of the relevant passages	Relevant to claim No.				
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Ą	US 4931977 A (M. KLEMES) 05 June	1990 (05.06.90), totality.	1-6				
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Further	documents are listed in the continuation of Box C.	See patent family annex.					
Special categories of cited documents:     "T" later document published after the international filing date or priority							
considered	defining the general state of the art which is not to be of particular relevance	date and not in conflict with the application the principle or theory underlying the inver	ition .				
"E" earlier app filing date	lication or patent but published on or after the international	"X" document of particular relevance; the claim considered novel or cannot be considered to	ned invention cannot be				
"L" document	which may throw doubts on priority claim(s) or which is ablish the publication date of another citation or other	when the document is taken alone					
special reason (as specified)		"Y" document of particular relevance; the clain considered to involve an inventive step wh	en the document is				
"O" document referring to an oral disclosure, use, exhibition or other means combined with one or more other such documents, such combined with one or more other such documents, such combined being obvious to a person skilled in the art							
"P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed							
	ctual completion of the international search	Date of mailing of the international search	report				
*	10 February 2000 (10.02.00)	31 March 2000 (31.	03.00)				
Name and ma	ailing adress of the ISA/AT	Authorized officer					
Austrian I	Patent Office	7					
	t 8-10; A-1014 Vienna	Zugarek					
Facsimile No	Facsimile No. 1/53424/200 Talanhara No. 1/53424/202						

Telephone No. 1/53424/383

International application No.

		PCT/SG 99/001	19			
1 _	SIFICATION OF SUBJECT MATTER					
1	3 M 13/00		-			
	o International Patent Classification (IPC) or to both no SSEARCHED	ational classification and IPC	·			
Minimum do	ocumentation searched (classification system followed	by classification symbols)				
	3 M 13/00; G 06 G 7/00, 7/12	•				
Documentati	on searched other than minimum documentation to th	e extent that such documents are included	in the fields searched			
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Electronic da	ata base consulted during the international search (nam	ne of data base and, where practicable, sear	ch terms used)			
WPT						
C. DOCU	MENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where approp	riate, of the relevant passages	Relevant to claim No.			
A	US 4931977 A (M. KLEMES) 05 June	1990 (05.06.90), totalitỳ.	1-6			
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Further	documents are listed in the continuation of Box C.	See patent family annex.	·			
Special car     A" document	tegories of cited documents: defining the general state of the art which is not	"T" later document published after the internat	ional filing date or priority			
considered	to be of particular relevance distinction or patent but published on or after the international	date and not in conflict with the applicatio the principle or theory underlying the inve	ntion			
filing date	•	"X" document of particular relevance; the clair considered novel or cannot be considered	med invention cannot be			
cited to est	which may throw doubts on priority claim(s) or which is tablish the publication date of another citation or other	when the document is taken alone "Y" document of particular relevance; the clair				
special rea	uson (as specified) referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step w	hen the document is			
means being obvious to a person skilled in the art						
the priority date claimed						
Date of the actual completion of the international search  Date of mailing of the international search report						
	10 February 2000 (10.02.00)	31 March 2000 (31.	03.00)			
Name and ma	ailing adress of the ISA/AT Patent Office	Authorized officer				
	at 8-10; A-1014 Vienna	Zugarek				
	Facsimile No. 1/53424/200					

Information on patent family members

International application No. PCT/SG 99/00119

	nt document cited search report	Publication date		nt family nber(s)	Publication date
US A	4931977	05-06-1990	ÇA A	1 1272249	31-07-1990

			international applicat		
A. CLAS	SIFICATION OF SUBJECT MATTER		PCT/SG 99/001	19	
	3 M 13/00				
	International Patent Classification (IPC) or to both n	ational classification	and IPC		
B. FIELD	S SEARCHED				
	cumentation searched (classification system followed	by classification syr	nbols)	,	
	3 M 13/00; G 06 G 7/00, 7/12				
Documentati	on searched other than minimum documentation to the	e extent that such do	cuments are included	in the fields searched	
Electronic da	ta base consulted during the international search (nan	ne of data base and, v	vhere practicable, sear	ch terms used)	
WPT	•				
	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where approp	riate, of the relevant	passages	Relevant to claim No.	
Α	US 4931977 A (M. KLEMES) 05 June	1990 (05.06.90	), totality.	1-6	
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	documents are listed in the continuation of Box C.	See pater	t family annex.		
<ul> <li>Special cat</li> <li>A" document</li> </ul>	tegories of cited documents: defining the general state of the art which is not	"T" later document pu	blished after the internati	onal filing date or priority	
considered	to be of particular relevance	the principle or th	nflict with the application eory underlying the inver	but cited to understand	
"E" earlier app filing date	lication or patent but published on or after the international	"X" document of parti	cular relevance; the clain	ned invention cannot be	
"L" document	which may throw doubts on priority claim(s) or which is	considered novel of when the docume	or cannot be considered to	o involve an inventive step	
cited to establish the publication date of another citation or other "Y" document of particular relevance; the claimed invention			ned invention cannot be		
"O" document referring to an oral disclosure, use, exhibition or other combined with one or more other such document is					
means "P" document	published prior to the international filing date but later than	being obvious to	a person skilled in the art  r of the same patent fami		
the priority	/ date claimed  ctual completion of the international search	Date of mailing of the international search report			
	10 February 2000 (10.02.00)	31 March 2000 (31.03.00)			
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Information on patent family members

International application No. PCT/SG 99/00119

		patent family members		PCT/SG 99/00119			/00119	
Pa	tent document cited in search report	Publication date	Patent family member(s)				Publicat date	tion
US A	4931977	05-06-1990	CA	Al	1272249		31-07-19	
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